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MASSACHUSETTS BOARD OF LIBRARY COMMISSIONERS
648 Beacon Street Boston, MA 02215
MAY 1986

Selected
Public Library
Statistics

DATA FOR MASSACHUSETTS FY85

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Introduction

With the FY85 data, the name of this report has been changed from the Comparative Public Library Report to Selected Public Library Statistics in recognition of the characteristics of the data and how they may be used.

When the report was first compiled several years ago, two of its purposes were to provide data items that would be comparable in composition with those produced at the national level by the National Center for Educational Statistics, and, secondly, to provide data items useful to libraries doing local comparisons. As you may know, efforts are being made at the national level to collect, compile and access individual library data in a new and more responsive way.

More importantly, for the purposes of users of this report, respondents have confirmed for us over the years that the components of the various indicators may vary from community to community and therefore may render simple comparisons inaccurate. While useful for longitudinal analysis, this report as now constituted can not reflect the variety of information a user should have in order to conduct a sophisticated and reasonably accurate comparative study across communities and libraries. In order to reinforce this we have renamed the report and in the future will no longer be providing the data arranged by population group.

The report provides per capita and percentage figures reflecting selected FY85 support and activity indicators for responding public libraries. Data were compiled from the FY86 Library Incentive Grant Application and the Annual Report Information Survey forms.

With few exceptions, financial, collection, and hours open data are for the twelve month period ending June 30, 1985. Eighteen libraries reported holdings and/or circulation data for another period, most frequently, for calendar year 1984. The work week and full-time equivalents (FTE) data are reported as of July 1, 1985.

The report reflects financial data for 319 or 92% of the 346 municipalities with public libraries. Hours open data were received from 318 communities. A total of 321 or 93% of the municipalities supplied holdings, circulation, work week, and staffing data.

With two exceptions, this report reflects the combined levels of library support and activity for all reporting libraries within municipalities with more than one library system receiving public funds. Holdings, circulation, work week, and FTE data for Barnstable and Northfield do not include reports from the Hyannis and Field libraries respectively.

The five municipalities without public libraries are not listed in the report. They are Hawley with a population of 280 and population rank of 345, Millville, population of 1,693 and rank of 289; Montgomery 637 and 332; New Ashford 159 and 349; and Washington 587 and 336 respectively.

ARRANGEMENT OF THE REPORT

The report is arranged in three sections: Summary Tables, Municipal Tables, and the survey forms. Statewide and regional data for selected indicators follow the introduction. The Usage Notes preceding the Summary Tables contain a formula for calculating percentiles not appearing in the Summary Tables.

Section One: Summary Tables

The summary tables display the mean (average), median, and the 10th, 25th, 75th, and 90th percentile values of nine indicators for population groups I through VI. Because of the small number of municipalities in group VI, the percentiles for this group should be considered estimates only.

Means, medians, and percentiles are superfluous for group VII, the three municipalities with populations in excess of 100,000. Data for these municipalities appear in the municipal tables only.

Section Two: Municipal Tables

The municipal tables contain data for individual municipalities arranged in seven population groups based on the 1980 federal census. See the index to determine in which population group a municipality is listed.

INDICATORS OF LIBRARY SUPPORT & ACTIVITY

In addition to 1980 population, 1980 population rank, and regional system affiliation (Central, Eastern, or Western), the following library data appear in this order in the municipal tables:

Total Operating Income Per Capita
Appropriated Municipal Income Per Capita
Total Operating Expenditures Per Capita
Salary Expenditures Per Capita and as a Percent of Total Operating Expenditures
Materials Expenditures Per Capita and as a Percent of Total Operating Expenditures

Holdings Per Capita
Circulation Per Capita
Hours Open in the Winter and Summer
Hours in the Work Week
Full-time Equivalents of Staff

The emphasis of the report is municipal data. Therefore, we ask that the state funds received by libraries that contract with the Board of Library Commissioners to provide regional services be omitted from the report.

Only three categories of federal and state funds have been included in the report. Libraries were asked to include federal revenue sharing, the Massachusetts Library Incentive Grant and the Additional Aid to Public Libraries monies in their income and expenditure figures.

The Total Operating Income data are not comparable in terms of categories of income and access to the income. The income components depend on the municipality and the manner of reporting. For example, Total Operating Income may reflect all or some of the components of Appropriated Municipal Income plus trust or endowment income, and/or income from monetary gifts or miscellaneous sources.

The discretion with which trust and/or endowment income may be expended varies widely among libraries depending on the fund restrictions. Some funds, for example, restrict expenditures to materials on a relatively narrow topic. As a result, a library's operating income may appear inflated until selected materials complying with the fund requirements are acquired.

Print and non-print data are combined in the **Holdings** and **Circulation** indicators.

Hours Open, Winter and Summer, displays the number of hours in an average week that the library was open to the public in FY85. Hours for branch libraries are included if they do not overlap main library hours.

Hours in the Work Week, for larger libraries, is the number of hours typically worked per week by a full-time paid employee. For smaller libraries where no one works 35 hours, the figure is the greatest number of hours worked in a typical week by a paid staff member. Depending on the municipality, that work week may be considered full-time, even though it is less than 35 hours.

The full-time equivalents **(FTE)** reflect paid staff, excluding those paid by state or federally subsidized employment programs. One FTE equals 35 paid staff hours.

LIBRARY INCENTIVE GRANT PROGRAM

The compilation of data for this report may not necessarily correspond to the data used to determine compliance with minimum standards for the FY86 Library Incentive Grant Program.

STATEWIDE DATA

Statewide data for selected financial and collection indicators are shown for the last three fiscal years with per capitas based on the population served by the libraries responding each year.

The agency welcomes your comments and suggestions and examples of how the report is being used.

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STATISTICS OF PUBLIC LIBRARIES STATEWIDE SUMMARY FOR SELECTED INDICATORS, FY 83-85

(per capita figures in parentheses)

FY[a]	No. of Reptg Libs.[b]	No. of Reptg Muns.[b]	Total Operating Income $	Appropriated Municipal Income $	Total Operating Expenditures $	Salary Expenditures $	Materials Expenditures $	Holdings	Circulation	FTE[g]
1983	341	314	66,446,313 (11.89)	62,451,848 (11.18)	64,449,491 (11.54)	44,215,363 (7.91)	10,721,444 (1.92)	25,974,565[c] (4.60)	33,070,066[c] (5.86)	3482.7[c]
1984	343	316	71,335,308 (12.73)	67,374,011 (12.02)	69,813,294 (12.45)	47,701,217 (8.51)	11,325,376 (2.02)	26,397,755[d] (4.67)	32,003,443[e] (5.66)	3564.6[d]
1985	346	319	76,044,835 (13.49)	71,421,637 (12.67)	74,087,488 (13.14)	50,077,961 (8.89)	12,409,215 (2.20)	29,657,202[f] (5.24)	32,123,455[f] (5.67)	3651.3[f]
83-84	% CHANGE IN PER CAPITA FIGURES		7.06	7.51	7.89	7.59	5.21	1.52	-3.41	2.35%
84-85			5.97	5.41	5.54	4.47	8.91	12.21	0.18	2.43%
83-85			13.46	13.33	13.86	12.39	14.58	13.91	-3.24	4.84%

Per capita figures are based on the population (1980 U.S. census) of municipalities served by responding libraries.
FY83, population served by responding libraries for financial indicators = 5,586,706
for holdings and circulation data = 5,644,210
FY84, population served by responding libraries for financial indicators = 5,605,527
for holdings data = 5,657,959
for circulation data = 5,655,648
FY85, population served by responding libraries for financial indicators = 5,636,224
for holdings and circulation data = 5,661,133

a. Fiscal year applies to all indicators except FTE which are reported as of July 1 of each year
b. Reporting financial data
c. Holdings, circulation, and FTE data based on 353 libraries reporting from 326 municipalities
d. Holdings and FTE data based on 352 libraries reporting from 325 municipalities
e. Circulation based on 351 libraries reporting from 324 municipalities
f. Holdings, circulation, and FTE data based on 346 libraries reporting from 321 municipalities
g. Rate of change calculated on gross figures.

FY85 REGIONAL ADDENDUM

Average Per Capita Figures for All Reporting Municipalities
By Population Group and Regional Affiliation for 7 Indicators of Library Support and Activity

Population Group	Total Library Operating Income $				Appropriated Municipal Operating Income $				Total Library Operating Expenditures $				Salary Expenditures $				Material Expenditures $			
	C	E	W	Pop Group	C	E	W	Pop Group	C	E	W	Pop Group	C	E	W	Pop Group	C	E	W	Pop Group
I 1-1,999	9.14	17.48	6.56	8.19	6.51	15.81	5.45	6.81	8.43	16.69	6.18	7.72	3.66	9.51	2.91	3.78	2.16	4.67	1.78	2.17
II 2,000-4,999	9.55	16.14	7.42	11.75	8.07	14.75	6.52	10.44	9.11	15.69	6.89	11.28	4.81	9.45	3.79	6.47	2.50	3.72	1.92	2.86
III 5,000-9,999	10.11	11.89	9.16	10.91	9.15	11.14	8.32	10.09	9.66	11.47	8.92	10.52	6.12	7.27	5.16	6.58	2.05	2.54	2.03	2.32
IV 10,000-24,999	12.02	13.24	11.05	12.78	11.43	12.36	10.61	12.01	11.70	12.92	10.83	12.48	7.39	8.80	7.19	8.37	2.45	2.38	1.95	2.35
V 25,000-49,999	13.53	13.79	11.77	13.48	12.78	12.74	10.11	12.36	13.53	13.51	11.37	13.19	9.04	9.21	7.44	8.94	2.19	2.18	1.85	2.14
VI 50,000-99,999	----	10.87	8.74	10.70	----	10.54	8.52	10.37	----	10.60	8.50	10.43	----	7.79	6.70	7.70	----	1.53	1.15	1.50
VII 100,000+	16.60	21.51	23.17	20.89	15.69	20.77	20.90	19.85	14.60	21.20	23.17	20.33	10.64	13.51	16.09	13.43	2.10	3.11	3.21	2.94
REGIONAL/ ALL GROUPS	12.65	13.78	12.67	13.49	11.80	13.03	11.48	12.67	11.93	13.48	12.42	13.14	7.83	9.16	8.32	8.89	2.27	2.22	2.06	2.20

for financial indicators:
C (Central Region) represents 64 reporting municipalities with a 1980 federal census of 690,179
E (Eastern Region) represents 172 reporting municipalities with a 1980 federal census of 4,175,720
W (Western Region) represents 83 reporting municipalities with a 1980 federal census of 770,325

Average Per Capita Figures for All Reporting Municipalities
By Population Group and Regional Affiliation for 7 Indicators of Library Support and Activity (cont'd)

Population Group	Total Holdings C	E	W	Pop Group	Total Circulation C	E	W	Pop Group
I 1-1,999	8.90	13.80	8.93	9.47	7.77	11.75	7.26	7.83
II 2,000-4,999	5.42	7.23	7.12	6.56	6.21	10.53	6.20	7.98
III 5,000-9,999	4.32	4.62	5.02	4.61	6.00	7.02	5.86	6.53
IV 10,000-24,999	3.36	4.12	3.55	3.92	6.25	7.48	7.36	7.24
V 25,000-49,999	3.82	3.90	4.88	4.04	5.75	6.11	6.13	6.09
VI 50,000-99,999	----	3.57	2.82	3.51	----	3.88	5.15	3.98
VII 100,000+	5.56	15.29	4.39	11.60	4.32	3.14	6.62	3.96
REGIONAL/ ALL GROUPS	4.35	5.50	4.61	5.24	5.71	5.54	6.37	5.67

for holdings and circulation data:
C (Central Region) represents 64 reporting municipalities with a 1980 federal census of 690,179
E (Eastern Region) represents 173 reporting municipalities with a 1980 federal census of 4,198,879
W (Western Region) represents 84 reporting municipalities with a 1980 federal census of 772,075

Usage Notes

The statistical measures applied to each indicator of library support and activity in the Summary Tables are:

The Mean — a measure of central tendency which is commonly termed the "average." It is derived by dividing the sum of all the values in any particular group of data by the number of values included in that total.

Percentile Rank — describes the position of a value in its distribution, indicating the percent of cases in a distribution falling at or below the value of an indicator. For example, the library of a hypothetical municipality has a per capita operating expenditure of $6.00 and a corresponding percentile rank of 25. This indicates that 25% of the municipalities in the population group have the same or smaller per capita operating expenditure than the sample library.

Median — the popular term for the 50th percentile; is equal to the value of an indicator at or below which 50% of the values fall. The value of the median differs from the value of the mean when the distribution of the values of an indicator is not regular, but rather skewed or piled at either end of the range. When there is considerable difference between the median and the mean, the median is generally thought of as being the more valid measure of central tendency.

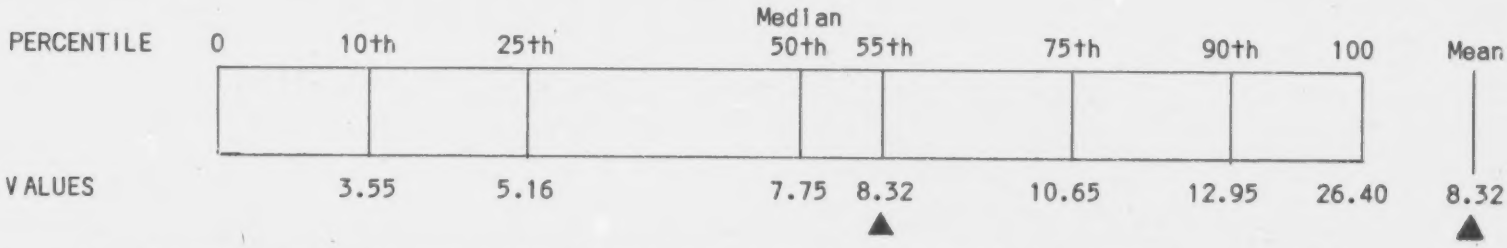
Percentiles are not the most descriptive measures when the sample size is small, as in the 50,000 - 99,999 population group, the distribution is skewed, or the range of values is small. This is especially evident in Table G for the 25,000 - 49,999 and 50,000 - 99,999 groups. In some cases the same value appears for more than one percentile. The same condition occurs in Table E for the 50,000 - 99,999 group. This is the result of a relatively small range of values consisting of rounded whole numbers with a skewed distribution in the range.

Constructed below are hypothetical library situations designed to illustrate how the Summary Tables may be used and how an undisplayed percentile may be calculated.

Calculating an Undisplayed Percentile

In some instances, the value of an indicator may fall between the displayed values of a statistical measure, such as between the median (50th percentile) and the 75th percentile and it is informative to calculate the undisplayed percentile. Following is an example of how this may be done.

Example A: For a library in a hypothetical municipality in the 10,000 to 24,999 population group (group IV), salary expenditures are equal to $8.32 per capita. From Summary Table D, we see that 8.32 falls between the values of the median (7.75) and the 75th percentile (10.65). We can estimate, based on the data available and using population served as a basis of comparison, that for the library in our hypothetical municipality, salary expenditures per capita are equal to or greater than 55% of the municipalities reporting in this population group.



Undisplayed percentile ranks may be calculated by the shorthand interpolation procedure used to compute the 55th percentile in Example A. This was done by:

a - Finding the difference between the displayed values falling above (10.65) and below (7.75) our hypothetical value (8.32). The difference is 2.90 salary expenditures dollars per capita.

b - Finding the difference between our hypothetical value (8.32) and the displayed value falling below it (7.75). The difference is .57 salary expenditures dollars per capita.

c - Determining the ratio of the latter total to the former (.57 divided by 2.90), which equals .196.

d - Finding the difference between the displayed percentiles corresponding to the displayed values falling above and below our hypothetical value (8.32). In our example, the difference between the corresponding percentiles (75th and median/50th) is 25 percentile units.

e - Interpolating the ratio from the values line to the difference between the displayed percentiles. In our example, the ratio is .196 (see c above) and the difference between the percentiles is 25 (see d above). .196 x 25 = 4.90 percentile units.

f - Adding the interpolated percentile units to the displayed percentile falling below our hypothetical value to arrive at the estimated percentile rank of our hypothetical library. For example, 4.90 + 50 = 54.90 = 55th percentile.

It should be noted that this procedure assumes that the size of the intervals between values is constant throughout the distribution. Quite often there is slight variability in their size, so that ranks computed by this method must be considered estimates.

Looking at More than One Statistical Measure

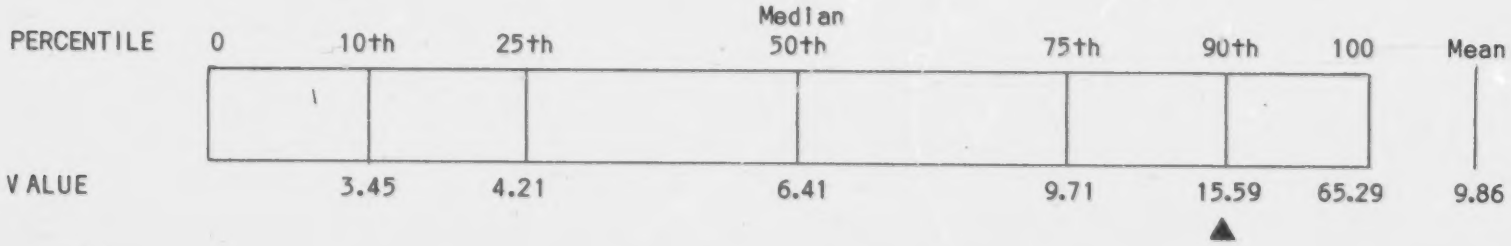
For each indicator it is most useful to review the results of the statistical measures in conjunction with one another. Another look at Summary Table D indicates that the hypothetical library mentioned in Example A has a salary expenditures per capita figure equal to the mean figure (8.32) of the population group.

Therefore, while we may say that salary expenditures per capita are equal to the "average" for this population group, it remains true that for our hypothetical municipality, per capita salary expenditures are greater than or equal to 55% of the reporting municipalities in this population group.

Another illustration of the value of looking at more than one measure follows.

EXAMPLE B: In some cases, percentile values may be used effectively to qualify the minimal information provided by the range of values for an indicator and population group. For example, a library in a hypothetical municipality in the 1 to 1,999 population group (group 1) could have a total operating income of $15.59 per capita.

From Summary Table A, we see that 15.59 equals the value of the 90th percentile and falls almost one quarter of the way between the range (1.04 through 65.29) of total operating income per capita of all reporting libraries in this population group.



Based on this information, we may say, therefore, that even though the hypothetical library's total operating income per capita is only about one quarter as much as that of the library with the highest value in the population group ($65.29), it still has a total operating income per capita greater than or equal to that of 90% of the libraries in this population group.

Using Other Bases of Comparison

We urge readers not to restrict themselves to comparisons by population groupings. Other indicators or combination of indicators in the report or from other sources which measure municipal revenue capacity may be used to group similar libraries and to form the basis of comparison among them. From the Municipal Tables in this report, a reader may identify municipalities having similar values for one or more of the support and activity indicators and thereby establish a group of similar libraries, regardless of population served.

Section One: Summary Tables

TABLE A - TOTAL OPERATING INCOME PER CAPITA ($)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1985

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	1.04 - 65.29	3.45	4.21	6.41	9.71	15.59	9.86
2,000 - 4,999	48	2.04 - 55.51	3.76	6.94	9.16	15.24	20.53	12.06
5,000 - 9,999	67	1.38 - 34.46	4.30	6.68	10.61	13.79	17.05	11.07
10,000 - 24,999	89	4.24 - 42.70	6.56	7.64	11.75	16.30	20.13	12.78
25,000 - 49,999	40	3.48 - 29.79	6.85	9.46	12.75	16.38	22.44	13.96
50,000 - 99,999	18	5.04 - 29.10	5.30	7.90	9.39	11.15	15.94	10.92

TABLE B - APPROPRIATED MUNICIPAL INCOME PER CAPITA ($)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1985

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0.99 - 53.32	2.86	3.85	5.70	7.79	11.07	8.30
2,000 - 4,999	48	1.71 - 37.84	3.37	5.54	8.60	14.43	19.48	10.57
5,000 - 9,999	67	1.25 - 33.91	4.12	6.34	9.40	12.58	15.95	10.22
10,000 - 24,999	89	0.60 - 29.99	5.73	7.24	11.17	15.52	18.54	11.96
25,000 - 49,999	40	2.21 - 27.96	6.72	8.43	10.78	14.94	22.37	12.86
50,000 - 99,999	18	5.04 - 28.53	5.22	7.79	8.50	10.90	15.47	10.59

TABLE C - TOTAL OPERATING EXPENDITURES PER CAPITA ($)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1985

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	1.03 - 63.89	3.51	3.83	6.20	9.34	14.12	9.32
2,000 - 4,999	48	2.04 - 51.38	3.35	6.81	8.24	15.24	19.96	11.54
5,000 - 9,999	67	1.37 - 34.26	4.14	6.33	10.57	13.03	16.59	10.66
10,000 - 24,999	89	4.24 - 42.70	6.35	7.50	11.65	15.48	20.02	12.45
25,000 - 49,999	40	3.43 - 29.79	6.85	9.13	12.75	16.14	22.38	13.68
50,000 - 99,999	18	4.62 - 28.85	5.21	7.80	8.85	10.86	15.37	10.64

TABLE D - SALARY EXPENDITURES PER CAPITA ($)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1985

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0.00 - 34.01	1.00	2.01	2.76	4.70	7.13	4.57
2,000 - 4,999	48	1.03 - 24.90	1.55	3.46	5.05	8.77	12.49	6.58
5,000 - 9,999	67	0.80 - 23.82	2.41	3.95	6.31	8.02	10.84	6.64
10,000 - 24,999	89	1.73 - 26.40	3.55	5.16	7.75	10.65	12.95	8.32
25,000 - 49,999	40	2.45 - 19.86	4.78	5.77	8.74	11.00	16.69	9.28
50,000 - 99,999	18	3.40 - 19.84	3.62	5.81	6.72	8.27	11.52	7.84

TABLE E - SALARY EXPENDITURES AS PERCENT (%) OF TOTAL OPERATING EXPENDITURES

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1985

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0 - 76	19	41	47	59	64	47
2,000 - 4,999	48	34 - 79	42	48	58	62	67	56
5,000 - 9,999	67	45 - 74	52	58	62	66	69	62
10,000 - 24,999	89	36 - 79	57	62	68	71	73	66
25,000 - 49,999	40	48 - 77	60	65	68	71	75	68
50,000 - 99,999	18	57 - 83	63	68	76	80	80	74

TABLE F - MATERIALS EXPENDITURES PER CAPITA ($)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1985

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0.52 - 20.36	0.92	1.29	1.81	2.76	4.32	2.65
2,000 - 4,999	48	0.43 - 11.38	1.21	1.86	2.27	3.87	4.84	2.93
5,000 - 9,999	67	0.41 - 6.49	1.06	1.32	2.25	2.94	3.59	2.36
10,000 - 24,999	89	0.97 - 6.43	1.21	1.65	2.17	2.87	3.66	2.37
25,000 - 49,999	40	0.60 - 5.52	0.98	1.56	2.01	2.67	3.32	2.21
50,000 - 99,999	18	0.70 - 4.84	0.84	1.06	1.19	1.53	2.35	1.54

TABLE G - MATERIALS EXPENDITURES AS PERCENT (%) OF TOTAL OPERATING EXPENDITURES

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1985

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	20 - 88	20	22	26	37	48	32
2,000 - 4,999	48	20 - 54	21	23	25	28	35	27
5,000 - 9,999	67	11 - 36	19	20	22	25	29	23
10,000 - 24,999	89	15 - 37	16	17	19	21	25	20
25,000 - 49,999	40	13 - 23	14	14	16	17	19	16
50,000 - 99,999	18	12 - 19	12	12	14	15	18	14

TABLE H - HOLDINGS PER CAPITA

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1985

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	55	3.18 - 84.63	3.89	5.96	8.89	12.49	20.23	12.16
2,000 - 4,999	48	2.69 - 23.48	3.15	4.35	5.82	7.78	10.33	6.82
5,000 - 9,999	67	1.23 - 9.82	2.48	3.23	4.33	5.85	7.15	4.68
10,000 - 24,999	90	0.86 - 13.23	2.11	2.95	3.65	4.65	5.86	3.97
25,000 - 49,999	40	1.39 - 12.40	1.85	2.92	3.78	4.99	6.47	4.19
50,000 - 99,999	18	1.89 - 7.05	2.07	2.58	3.33	4.12	4.53	3.51

TABLE I - CIRCULATION PER CAPITA

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1985

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	55	2.41 - 50.62	3.57	4.57	7.61	10.19	13.12	9.36
2,000 - 4,999	47	1.29 - 29.20	3.44	4.87	6.23	9.69	14.32	8.48
5,000 - 9,999	67	0.86 - 21.56	3.19	4.41	5.96	8.06	11.44	6.66
10,000 - 24,999	90	2.20 - 17.13	3.30	4.83	7.10	8.80	11.89	7.27
25,000 - 49,999	40	0.90 - 17.03	2.46	4.47	5.65	7.43	10.11	6.39
50,000 - 99,999	18	1.25 - 8.38	1.48	2.27	3.77	5.16	7.04	.08

Section Two: Data for Individual Municipalities

Population Group I
(1-1,999)

POPULATION GROUP I (1 - 1,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS OPEN SUM	HRS IN WORK WEEK	FTE
1. ALFORD	394	341	W													
2. ASHFIELD	1,458	297	W	9.25	4.23	9.25	4.87	53	1.99	22	7.55	8.78	15	15	20	0.8
3. BECKET	1,339	299	W	6.38	4.07	5.99	0.90	15	1.36	23	26.27	9.10	10	14	12	0.3
4. BERNARDSTON	1,750	287	W								10.88	7.13			15	0.8
5. BLANDFORD	1,038	313	W	8.07	7.17	8.01	4.87	61	1.77	22	9.08	19.25	21	21	21	0.6
6. BUCKLAND	1,864	284	W	3.81	2.48	3.81	1.50	39	1.01	26	7.03	2.45	12.5	12.5	12.5	0.4
7. CHARLEMONT	1,149	308	W	3.89	2.83	3.53	2.54	72	0.85	24	10.01	2.79	10	10	10	0.3
8. CHESTER	1,123	310	W	7.62	4.27	6.52	4.42	68	1.33	20	9.05	4.90	15	15	20	0.6
9. CHESTERFIELD	1,000	316	W	5.84	5.84	5.84	3.47	59	2.07	35	9.06	8.06	15	15	15	0.4
10. CHILMARK	489	338	E	65.29	52.30	63.89	34.01	53	20.36	32	49.96	50.62	21	23	28.5	1.7
11. CLARKSBURG	1,871	283	W	3.42	3.41	3.41	2.00	59	1.31	38	4.77	10.19	26	15	25	0.7
12. COLRAIN	1,552	294	W	8.29	8.00	6.10	2.70	44	1.46	24	5.64	4.04	15	15	15	0.5
13. CONWAY	1,213	304	W													
14. CUMMINGTON	657	328	W	6.94	5.71	6.94	0.13	2	2.73	39	14.16	9.81	10	10	20	0.6
15. DUNSTABLE	1,671	290	E	8.39	6.48	7.68	4.52	59	2.67	35	11.13	6.32	14	17	15	1.1
16. EAST BROOKFIELD	1,955	282	C	7.13	6.94	6.89	4.90	71	1.36	20	5.46	9.96	30	30	30	0.9
17. EGREMONT	1,311	301	W	3.49	3.49	3.49	2.65	76	0.79	23	6.34	3.78	13	13	13	0.4
18. ERVING	1,326	300	W	6.23	6.23	6.23	2.26	36	3.90	63	16.91	9.26	10	10	6	0.3
19. FLORIDA	730	323	W	3.72	3.72	3.72	0.55	15	3.10	83	9.69	11.40	12	2	12	0.3
20. GAY HEAD	220	347	E	24.09	23.18	19.57	13.12	67	5.07	26	22.91	13.67	10	10	10	0.3
21. GILL	1,259	303	W													
22. GOSHEN	651	329	W	6.41	4.11	6.22	2.76	44	3.15	51	9.37	11.37	10	10	10	0.3
23. GOSNOLD	63	351	E													
24. GRANVILLE	1,204	305	W	9.98	9.92	9.98	3.68	37	2.78	28	7.87	6.07	17	11	10	0.6
25. HANCOCK	643	331	W													
26. HEATH	482	339	W	12.55	11.72	12.55	7.87	63	4.44	35	31.03	11.52	10	10	15	0.4

POPULATION GROUP I (1 - 1,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
27. HINSDALE	1,707	288	W	4.47	2.62	3.53	1.61	46	0.78	22	3.94	10.19	11	11	11	0.3
28. HOLLAND	1,589	292	W	3.00	3.00	2.80	1.15	41	1.23	44	3.78	3.81	10	10	10	0.3
29. HUBBARDSTON	1,797	286	C	7.75	7.43	5.22	2.62	50	1.81	35	5.59	4.39	18	12	18	0.7
30. HUNTINGTON	1,804	285	W	5.37	5.37	5.24	2.02	38	1.07	20	4.69	4.78	13	13	13	0.9
31. LEVERETT	1,471	296	W	3.64	3.64	3.64	2.14	59	1.16	32	3.84	3.42	18	15	15	0.4
32. LEYDEN	498	337	W	7.03	7.03	7.03	4.16	59	1.41	20	8.62	9.64	10	10	10	0.3
33. MIDDLEFIELD	385	342	W	2.90	2.90	2.23	1.17	53	0.94	42	14.42	7.66	10	7	10	0.3
34. MONROE	179	348	W	5.97	5.97	5.97	3.16	53	2.65	44	25.15	7.95	2	1	4	0.1
35. MONTEREY	818	322	W	15.16	15.16	15.16	8.83	58	3.10	20	7.51	12.21	11	11	18	0.6
36. MOUNT WASHINGTON	93	350	W													
37. NEW BRAINTREE	671	327	C	3.73	3.73	3.73	0.39	10	3.27	88	7.08	10.76	10	10	15	0.4
38. NEW MARLBOROUGH	1,160	307	W	4.22	4.22	4.22	1.91	45	0.91	22	3.72	9.02	11	15	13	0.4
39. NEW SALEM	688	326	W	5.51	5.10	5.31	2.46	46	1.50	28	11.93	10.69	16	16	12	0.5
40. OAK BLUFFS	1,984	280	E													
41. OAKHAM	994	317	C	10.18	9.56	10.18	5.38	53	2.09	21	15.39	12.57	15.5	14.5	15.5	0.8
42. OTIS	963	318	W													
43. PELHAM	1,112	311	W	6.59	4.28	4.54	2.03	45	2.51	55	6.43	3.89	14	14	10	0.3
44. PERU	633	333	W	1.04	0.99	1.03	0.00	0	0.52	51	9.50	4.45	10	10	0.0	0.0
45. PETERSHAM	1,024	314	C	23.36	3.86	22.90	6.01	26	4.70	21	17.05	8.59	23.5	23.5	13.5	0.8
46. PHILLIPSTON	953	320	C	4.30	3.87	3.83	1.47	38	1.53	40	8.73	4.82	10	10	10	0.3
47. PLAINFIELD	425	340	W	10.72	8.53	10.71	5.76	54	4.15	39	17.54	16.88	13.5	13.5	10	0.4
48. PLYMPTON	1,974	281	E	10.09	10.09	9.92	5.97	60	2.95	30	7.24	5.81	28	28	30	1.2
49. RICHMOND	1,659	291	W	4.19	4.19	4.19	2.67	64	1.19	28	3.50	6.68	11	11	11	0.5
50. ROWE	336	344	W	53.32	53.32	53.32	23.88	45	10.71	20	84.63	47.35	15	15	15	0.4
51. ROYALSTON	955	319	C	8.14	8.14	8.15	3.24	40	1.69	21	8.10	4.61	15	15	15	0.4
52. RUSSELL	1,570	293	W	5.63	5.63	5.36	2.66	50	2.15	40	3.18	3.09	20.5	20.5	10	0.7

POPULATION GROUP I (1 - 1,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS OPEN SUM	HRS IN WORK WEEK	FTE
53. SANDISFIELD	720	324	W	6.23	6.23	6.23	3.07	49	2.16	35	7.08	5.20	14	16	8	0.4
54. SAVOY	644	330	W													
55. SHUTESBURY	1,049	312	W	3.35	2.10	3.72	1.67	45	1.28	34	4.21	2.41	10	10	10	0.3
56. TOLLAND	235	346	W													
57. TRURO	1,486	295	E	9.43	8.89	9.43	4.42	47	2.04	22	11.62	5.92	14	24	19	0.6
58. TYRINGHAM	344	343	W													
59. WALES	1,177	306	W	5.48	5.39	5.47	2.22	41	1.42	26	6.06	4.15	12	22	15	0.4
60. WARWICK	603	334	W	15.87	7.93	10.20	4.41	43	2.27	22	14.15	9.04	10	10	10	0.3
61. WENDELL	694	325	W	6.20	6.20	6.20	2.91	47	1.27	20	11.43	3.72	10	10	10	0.3
62. WEST STOCKBRIDGE	1,280	302	W	4.01	3.84	3.82	2.01	53	1.30	34	4.55	6.68	12	12	12	0.3
63. WEST TISBURY	1,010	315	E	34.24	33.32	32.06	19.53	61	7.56	24	14.75	21.68	16	22	20	1.8
64. WESTHAMPTON	1,137	309	W	7.89	7.64	7.89	3.82	48	1.80	23	7.59	7.55	16	16	16	0.6
65. WHATELY	1,341	298	W	11.29	5.70	11.29	5.17	46	2.35	21	11.16	8.10	16	16	25	1.3
66. WINDSOR	598	335	W													
67. WORTHINGTON	932	321	W	11.35	6.11	9.20	3.09	34	2.08	23	10.57	6.64	11	11	10	0.4

Population Group II
(2,000 - 4,999)

POPULATION GROUP II (2,000 - 4,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP $ TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP $ TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
1. ASHBURNHAM	4,075	238	C	7.57	6.35	7.57	4.11	54	1.92	25	4.35	6.33	33	49	29.2	2.2
2. ASHBY	2,311	273	C													
3. BARRE	4,102	237	C	13.10	9.80	13.10	6.48	50	3.54	27	5.85	3.82	23	23	35	2.1
4. BERKLEY	2,731	266	E	4.63	4.63	4.63	2.06	45	1.30	28	4.41	2.54	15	11	18	0.9
5. BERLIN	2,215	276	C	10.12	9.08	9.20	6.11	66	2.28	25	4.21	6.44	20	20	20	1.3
6. BOLTON	2,530	267	C	7.91	7.91	7.91	4.19	53	2.14	27	5.61	6.72	16	16	25	1.3
7. BOXBOROUGH	3,126	256	C	7.84	7.84	7.84	4.86	62	2.00	25	6.29	7.54	22	22	20	1.9
8. BOYLSTON	3,470	252	C	19.22	16.16	16.99	9.65	57	4.38	26	5.65	6.65	30.5	30.5	35	3.1
9. BRIMFIELD	2,318	272	C													
10. BROOKFIELD	2,397	269	C	7.49	6.85	7.22	3.46	48	2.08	29	6.19	6.23	21	21	21	0.9
11. CARLISLE	3,306	253	E	20.18	19.42	19.77	12.71	64	5.83	29	8.14	19.75	58	58	37	3.6
12. CHESHIRE	3,124	257	W	3.42	1.71	2.41	1.03	43	1.31	54	9.11	5.39	15	15	15	0.4
13. DEERFIELD	4,517	230	W	5.77	5.77	5.49	2.90	53	1.95	35	9.68	5.53	37.5	26	20	2.1
14. DOUGLAS	3,730	248	C	6.95	6.27	6.06	3.75	62	1.23	20	3.81	3.00	21	18	20	1.5
15. DOVER	4,703	228	E	14.67	14.43	13.90	8.30	60	3.71	27	7.78	7.94	50	36	37	3.4
16. EASTHAM	3,472	251	E	14.67	13.85	13.74	8.93	65	3.35	24	4.85	13.93	38	44	35	2.7
17. EDGARTOWN	2,204	278	E	55.51	37.84	51.38	24.90	48	11.38	22	15.69	16.98	34.5	40	26.4	3.6
18. ESSEX	2,998	261	E	6.97	4.92	6.87	4.13	60	1.87	27	5.43	6.23	27	22	27	1.1
19. HADLEY	4,125	236	W	8.04	7.36	7.88	4.00	51	2.27	29	4.59	4.44	41	41	35	1.5
20. HAMPDEN	1,745	227	W	5.48	5.28	5.28	3.57	68	1.38	26	3.07	5.42	26	21	26	2.2
21. HARDWICK	2,272	274	W	6.94	3.76	6.94	2.37	34	1.62	23	6.00	3.63	20.5	20.5	15	0.9
22. HATFIELD	3,045	259	W	6.47	6.47	6.39	2.93	46	2.05	32	8.71	5.83	15	8.5	20	1.1
23. HOPEDALE	3,905	242	C	19.62	15.72	17.39	8.12	47	4.19	24	7.54	9.53	30	22	30	2.9
24. LANESBOROUGH	3,131	255	W	2.04	2.03	2.04	1.61	79	0.43	21	3.17	4.68	15	15	15	0.6
25. MARION	3,932	241	E	15.24	11.60	15.24	8.49	56	3.87	25	7.80	10.90	36.5	36.5	40	2.9
26. MASHPEE	3,700	249	E	9.16	9.06	8.72	5.87	67	1.92	22	2.76	4.74	26	29	25	1.7

POPULATION GROUP II (2,000 - 4,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY $ PER CAP	SALARY EXP $ TOT EXP	MATERLS $ PER CAP	MATERLS EXP $ TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS OPEN SUM	HRS IN WORK WEEK	FTE
27. MENDON	3,108	258	C	3.31	3.31	2.92	1.26	43	1.12	38	7.43	1.29	19	15	9.7	0.6
28. MERRIMAC	4,451	231	E	10.23	10.07	10.29	7.45	72	2.06	20	4.89	5.65	52	48	40	4.2
29. MIDDLETON	4,135	235	F	17.36	17.31	17.30	10.79	62	3.93	23	7.78	7.02	50	30	30	4.5
30. NAHANT	3,947	240	E	17.54	17.54	17.54	10.04	57	4.24	24	19.19	13.53	35	51	40	4.0
31. NEWBURY	4,529	229	E	9.58	9.46	8.96	6.07	68	1.86	21	2.69	5.22	37	30	30	3.0
32. NORTH BROOKFIELD	4,150	233	C	6.58	6.58	6.58	3.23	49	1.37	21	5.02	5.72	30	30	22	1.7
33. NORTHFIELD	2,386	270	W	16.98	16.56	16.63	10.00	60	3.79	23	7.86	11.50	31	31	40	2.4
34. PAXTON	3,762	247	C	10.22	8.74	10.01	5.88	59	2.73	27	4.77	6.50	34	20	35	2.2
35. PRINCETON	2,425	268	C	10.89	9.02	10.89	5.05	46	4.02	37	5.82	10.16	21	18	21	1.6
36. PROVINCETOWN	3,536	250	E	25.66	23.18	25.48	15.06	59	5.97	23	3.48	5.37	45	45	40	4.4
37. ROCHESTER	3,205	254	E	3.39	3.39	3.33	1.33	40	0.83	25	2.94	2.30	15	15	15	0.5
38. ROWLEY	3,867	245	E	9.12	8.86	9.12	5.59	61	2.36	26	7.04	4.91	23	23	27.5	2.3
39. RUTLAND	4,334	232	C	7.52	5.54	7.48	3.15	42	2.88	39	3.47	4.98	26	22.5	22	1.8
40. SHEFFIELD	2,743	265	W	14.17	14.17	14.14	8.77	62	3.48	25	10.32	6.16	27	27	40	1.8
41. SHELBURNE	2,002	279	W	11.66	5.06	8.20	3.48	42	2.41	29	23.48	15.24	18	18	15	1.5
42. SHERBORN	4,049	239	E	23.25	22.63	23.25	13.90	60	4.65	20	10.35	10.69	56	43	37.5	5.4
43. SOUTHAMPTON	4,137	234	W	9.42	8.60	8.15	5.09	62	2.04	25	4.73	7.36	18	18	22	2.2
44. STOCKBRIDGE	2,328	271	W													
45. SUNDERLAND	2,929	263	W	3.84	3.31	3.35	1.19	36	1.15	34	3.18	3.69	18	18	19	0.6
46. TISBURY	2,972	262	E													
47. UPTON	3,886	244	C	7.13	6.14	7.13	4.17	59	2.89	41	7.45	6.94	42	42	40	1.7
48. WARREN	3,777	246	C	8.54	7.58	8.24	3.93	48	2.07	25	3.76	4.76	26.5	29	35	1.7
49. WELLFLEET	2,209	277	E	27.45	26.05	26.10	19.31	7[illegible]	5.53	21	10.74	23.61	34	35	35	3.6
50. WENHAM	3,897	243	E	21.93	19.74	20.71	12.44	60	4.84	23	7.38	21.35	33	29	32.5	3.8
51. WEST BROOKFIELD	3,026	260	C	6.81	3.74	6.81	4.05	59	1.37	20	5.73	11.34	24	24	19	1.4
52. WEST NEWBURY	2,861	264	E	17.37	16.48	17.37	10.02	58	4.86	28	7.02	29.20	30	27	40	2.8

POPULATION GROUP II (2,000 - 4,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP $ TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP $ TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
53. WILLIAMSBURG	2,237	275	W													

Population Group III
(5,000-9,999)

POPULATION GROUP III (5,000 - 9,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP $ TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP $ TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS OPEN SUM	HRS IN WORK WEEK	FTE
1. ACUSHNET	8,704	164	E													
2. ASHLAND	9,165	157	E								3.81	4.66			30	3.3
3. AVON	5,026	226	E	13.13	12.57	13.13	7.98	61	2.72	21	7.00	5.96	49	42.5	35	3.8
4. AYER	6,993	184	C	9.29	9.02	9.29	5.53	60	2.36	25	2.71	3.18	45	45	40	3.8
5. BELCHERTOWN	8,339	169	W	4.15	4.15	4.15	2.27	55	1.19	29	2.49	3.64	25	15	25	2.2
6. BLACKSTONE	6,570	192	C													
7. BOXFORD	5,374	217	E	17.02	16.31	17.02	10.82	64	3.81	22	7.15	9.24	58	58	40	5.1
8. BREWSTER	5,226	220	E	19.27	15.01	16.10	8.95	56	3.52	22	3.84	10.25	26	22.5	35	4.3
9. CARVER	6,988	185	E	6.25	5.97	5.91	3.67	62	1.32	22	2.78	4.82	34	34	35	2.3
10. CHARLTON	6,719	191	C													
11. CHATHAM	6,071	202	E	13.65	8.73	12.33	6.51	53	2.68	22	6.11	13.62	29	29	35	3.3
12. COHASSET	7,174	179	E	23.28	22.72	23.28	16.55	71	5.02	22	7.15	12.02	53	50	35	7.8
13. DALTON	6,797	190	W	9.66	9.22	9.36	6.01	64	2.24	24	4.84	7.77	37.5	37.5	40	3.8
14. DIGHTON	5,352	218	E	2.64	2.64	2.64	1.48	56	0.77	29	3.17	3.43	15	15	15	0.8
15. DUDLEY	8,717	163	C	6.41	6.41	6.41	3.99	62	1.28	20	3.29	4.90	54	48	40	3.3
16. EAST BRIDGEWATER	9,945	152	E	12.70	12.29	12.39	8.75	71	2.42	20	5.01	5.23	52	47	35	8.1
17. FREETOWN	7,058	182	E	3.44	2.76	2.72	1.34	49	0.93	34	2.63	2.85	28	28	12	1.2
18. GEORGETOWN	5,687	210	E	10.63	10.63	10.55	6.10	58	2.88	27	6.15	9.02	31	27	20	3.2
19. GRANBY	5,380	216	W	6.12	6.12	5.99	4.01	67	1.25	21	3.59	4.05	29.5	25.5	35	2.3
20. GREAT BARRINGTON	7,405	174	W	14.75	13.73	13.90	7.15	51	3.04	22	9.82	9.01	49	48.5	40	6.2
21. GROTON	6,154	201	C	12.65	11.27	12.29	8.38	68	2.73	22	7.55	7.48	35	25	36	5.0
22. GROVELAND	5,040	225	E	7.09	4.91	6.94	3.83	55	2.48	36	4.05	5.95	26	23	25.5	2.1
23. HALIFAX	5,513	213	E	10.71	10.45	10.69	7.27	68	1.98	19	4.00	7.17	46	46	40	3.6
24. HAMILTON	6,960	187	E	17.11	16.90	17.11	9.96	58	4.75	28	5.27	8.18	46	35	40	5.6
25. HANSON	8,617	165	E	5.3[illegible]	5.27	4.78	3.14	66	1.07	22	2.44	3.55	40	34	35	2.4
26. HARWICH	8,971	159	E	11.87	9.90	10.98	5.88	54	2.53	23	7.38	12.87	46	48	35	6.5

POPULATION GROUP III (5,000 - 9,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
27. HOPKINTON	7,114	180	C	10.93	10.04	10.95	6.58	60	1.87	17	4.34	10.77	28	25	35	5.4
28. HULL	9,714	153	E	7.20	7.20	7.20	4.93	69	1.39	19	5.15	4.00	49	48	35	3.9
29. KINGSTON	7,362	176	E	14.20	13.56	12.99	7.86	61	3.49	27	5.60	7.18	35	32.5	35	4.7
30. LAKEVILLE	5,931	206	E													
31. LANCASTER	6,334	197	C	17.03	12.60	16.69	7.74	46	3.44	21	7.06	4.75	40	37	35	4.5
32. LEE	6,247	198	W	14.74	13.00	14.53	7.38	51	2.84	20	8.38	7.55	38	38	35	3.5
33. LEICESTER	9,446	155	C	4.96	4.96	4.88	3.13	64	0.99	20	1.73	2.76	35	28	32	3.1
34. LENOX	6,523	193	W													
35. LINCOLN	7,098	181	E	34.46	33.91	34.26	23.82	70	6.49	19	9.14	12.18	59.5	52.5	37.5	11.7
36. LITTLETON	6,970	186	C	9.84	9.11	9.79	6.77	69	1.98	20	6.86	9.53	47	47	40	4.4
37. LUNENBURG	8,405	167	C	10.84	10.51	10.84	7.09	65	2.26	21	3.25	6.98	48	48	37.5	4.9
38. MANCHESTER	5,424	215	E	16.34	15.80	15.83	10.10	64	3.57	23	8.56	9.83	45	39	37.5	4.2
39. MATTAPOISETT	5,597	212	E	7.09	7.09	6.90	4.24	61	1.50	22	3.46	6.09	26	26	26	2.7
40. MAYNARD	9,590	154	E	9.58	9.58	9.58	6.59	69	1.83	19	3.65	3.61	35	35	35	4.7
41. MEDWAY	8,447	166	E	12.26	11.12	11.12	6.85	62	2.12	19	4.31	6.26	47	38	40	5.1
42. MILLIS	6,908	188	E	8.77	8.77	8.19	5.66	69	2.17	27	6.01	4.53	42	37	35	4.4
43. MONSON	7,315	177	W	10.23	8.58	10.19	6.64	65	2.38	23	3.84	3.25	51	44	35	4.7
44. MONTAGUE	8,011	171	W	9.21	9.21	9.21	5.69	62	2.20	24	6.48	5.21	40	36	35	4.8
45. NANTUCKET	5,087	224	E													
46. NORFOLK	6,363	194	E	12.23	12.23	12.23	8.00	65	2.65	22	2.47	9.48	39	27.5	35	4.3
47. NORWELL	9,182	156	E	15.83	15.56	15.23	9.96	65	2.88	19	4.43	7.90	51	44	37.5	7.3
48. ORANGE	6,844	189	W	9.16	8.41	8.86	5.40	61	2.04	23	5.50	5.46	39	39	35	3.3
49. ORLEANS	5,306	219	E	22.20	21.19	21.27	13.12	62	4.05	19	5.33	21.56	43	36	40	6.3
50. PEPPERELL	8,061	170	C	12.20	11.96	12.04	8.94	74	1.31	11	3.40	5.10	32.5	29.5	40	5.6
51. PLAINVILLE	5,857	207	E	3.43	3.43	3.43	1.54	45	1.15	33	1.94	1.51	25	25	20.5	1.2
52. RAYNHAM	9,085	158	E	4.33	4.03	4.11	2.47	60	0.92	22	2.82	3.83	36	24	21	2.6

POPULATION GROUP III (5,000 - 9,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
53. REHOBOTH	7,570	173	E	1.38	1.25	1.37	0.80	59	0.41	30	1.23	0.86	25	16	20	1.0
54. ROCKPORT	6,345	196	E	15.04	14.43	15.04	11.08	74	3.35	22			35	35		
55. SALISBURY	5,973	205	E	8.69	8.65	8.63	5.36	62	2.11	25	4.42	6.56	49	49	37	3.2
56. SANDWICH	8,727	162	E	16.55	13.49	16.55	11.39	69	3.20	19	4.62	11.82	42	42	35	9.3
57. SHIRLEY	5,124	223	C	5.30	5.26	5.22	3.26	63	1.05	20	5.17	2.13	27	27	25	1.8
58. SOUTHBOROUGH	6,193	200	C	18.11	16.48	16.43	11.35	69	3.62	22	6.71	11.39	48	41	40	5.0
59. SOUTHWICK	7,382	175	W	4.23	4.06	3.93	2.09	53	1.30	33	1.98	3.83	40	36	35	1.8
60. STERLING	5,440	214	C	12.01	12.01	12.01	7.28	61	3.41	28	4.12	7.46	40	40	40	3.8
61. STOW	5,144	221	E	12.80	9.50	11.66	5.40	46	3.14	27	5.79	5.09	42	38	35	2.3
62. STURBRIDGE	5,976	204	C	6.77	6.47	6.73	4.39	65	1.35	20	2.85	6.86	48	48	35	2.8
63. SUTTON	5,855	208	C	5.15	5.08	5.15	3.13	61	1.29	25	3.06	3.19	27	27	23	1.9
64. TEMPLETON	6,070	203	C													
65. TOPSFIELD	5,709	209	E	20.34	19.72	18.70	10.88	58	4.43	24	6.25	11.55	46	41	37.5	5.9
66. TOWNSEND	7,201	178	C	6.26	5.40	5.65	3.47	61	1.09	19	3.59	6.25	32	25	32	2.9
67. TYNGSBOROUGH	5,683	211	E	6.08	6.08	6.08	3.76	62	1.51	25	2.92	4.60	35	32	35	2.3
68. UXBRIDGE	8,374	168	C	10.59	8.13	10.59	5.95	56	3.29	31	5.23	5.74	30	30	35	5.4
69. WARE	8,953	160	W	9.73	6.59	9.73	5.22	54	1.96	20	4.89	6.39	33	33	33	4.0
70. WEST BOYLSTON	6,204	199	C	15.74	13.57	13.62	9.29	68	2.90	21	5.35	4.88	29.5	23	35	5.4
71. WEST BRIDGEWATER	6,359	195	E	10.83	10.83	10.80	6.56	61	2.48	23	4.50	4.63	27	29	35	3.2
72. WESTMINSTER	5,139	222	C	12.36	12.08	12.29	8.09	66	2.42	20	4.30	7.27	41	35	35	3.3
73. WILLIAMSTOWN	8,741	161	W	9.37	9.30	8.80	5.32	60	1.90	22	4.01	8.02	43	40	37.5	4.5
74. WINCHENDON	7,019	183	C	8.84	6.41	5.54	3.70	67	1.20	22	3.77	4.56	30	30	35	2.9
75. WRENTHAM	7,580	172	E	11.18	11.18	11.18	7.07	63	2.46	22	2.74	5.00	51.5	47.5	35	4.0

Population Group IV
(10,000-24,999)

POPULATION GROUP IV (10,000 - 24,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
1. ABINGTON	13,517	119	E	8.69	7.93	8.57	5.95	69	2.04	24	2.98	4.93	49.5	42.5	35	6.5
2. ACTON	17,544	91	E	15.12	14.56	15.07	11.51	76	2.90	19	3.51	11.18	67	56	40	12.9
3. ADAMS	10,381	150	W	11.80	10.78	11.80	7.52	64	2.24	19	3.74	7.74	55	55	35	5.6
4. AMESBURY	13,971	112	E	14.39	13.63	14.19	10.31	73	2.98	21	7.57	8.81	58	58	35	10.9
5. ATHOL	10,634	148	C	11.92	11.60	11.66	7.53	65	2.27	19	3.28	8.08	62	53	40	8.1
6. AUBURN	14,845	107	C	17.44	17.25	17.23	10.35	60	3.25	19	3.53	8.37	61.5	51.5	35	11.3
7. BEDFORD	13,067	125	E	24.21	24.21	24.18	16.27	67	4.84	20	6.32	8.08	67	64	40	14.7
8. BELLINGHAM	14,300	109	E	4.24	4.24	4.24	2.93	69	1.01	24	1.80	3.00	48	42	35	4.3
9. BOURNE	13,874	113	E	11.05	11.05	11.00	7.80	71	1.84	17	3.39	5.92	58	58	37.5	8.2
10. BRIDGEWATER	17,202	94	E	15.77	15.55	14.83	10.21	69	2.48	17	3.97	7.23	58	38	35	13.9
11. BURLINGTON	23,486	58	E	10.80	10.62	10.77	7.43	69	2.30	21	2.76	4.85	61	52	35	12.8
12. CANTON	18,182	87	E	17.32	17.24	16.90	12.37	73	2.73	16	4.65	6.85	51.5	51.5	35	13.3
13. CLINTON	12,771	127	C	6.97	6.97	6.60	4.53	69	1.21	18	6.92	3.13	43	42	37	5.5
14. CONCORD	16,293	101	E	42.70	29.99	42.70	26.40	62	6.43	15	13.23	15.99	71	60	37.5	27.6
15. DANVERS	24,100	65	E	15.52	13.82	15.52	10.87	70	3.27	21	4.66	8.54	64	60	37.5	18.4
16. DARTMOUTH	23,966	66	E	12.69	12.41	12.62	8.74	69	1.90	15	4.11	8.80	63	63	35	16.4
17. DENNIS	12,360	130	E	9.13	3.31	4.79	1.73	36	1.25	26	4.28	4.68	40.5	38	35	2.7
18. DRACUT	21,249	73	E	7.88	7.80	7.80	4.55	58	1.50	19	1.78	3.28	53	43	35	8.4
19. DUXBURY	11,807	137	E	20.02	18.30	19.92	11.97	60	3.65	18	5.22	9.59	62	58	35	11.2
20. EAST LONGMEADOW	12,905	126	W	16.85	16.74	16.75	10.90	65	2.71	16	4.22	11.63	62	52	37	11.4
21. EASTHAMPTON	15,580	105	W	6.36	4.83	6.36	4.43	70	0.97	15	2.23	3.84	50	50.5	35	5.1
22. EASTON	16,623	96	E	6.72	0.60	6.91	3.55	51	1.11	16	2.91	3.97	50	28	35	6.0
23. FAIRHAVEN	15,759	103	E	11.80	10.37	11.63	6.08	52	1.83	16	5.69	4.81	60	60	37	8.8
24. FALMOUTH	23,640	67	E	21.13	18.99	20.94	13.52	65	3.41	16	5.02	12.09	51	57	37.5	24.8
25. FOXBOROUGH	14,148	110	E	13.61	13.29	12.99	8.78	68	2.58	20	4.45	6.29	43	45	35	9.0
26. FRANKLIN	18,217	86	E	7.63	7.63	7.44	5.17	69	1.17	16	2.57	5.23	50	56	35	7.5

POPULATION GROUP IV (10,000 - 24,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
27. GARDNER	17,900	90	C	12.84	11.92	12.84	8.66	67	2.50	19	3.16	8.36	62.5	54.5	37.5	12.5
28. GRAFTON	11,238	143	C	6.58	6.07	6.41	3.60	56	1.64	26	3.99	3.80	41	37	35	4.0
29. GREENFIELD	18,436	85	W	11.00	10.85	10.42	7.70	74	1.69	16	5.86	6.61	51	41	37.5	10.5
30. HANOVER	11,358	141	E	10.19	9.02	9.92	6.49	65	2.18	22	4.73	7.68	51	44	35	4.9
31. HARVARD	12,170	133	C	7.28	6.18	7.28	3.54	49	2.06	28	2.49	3.47	49	43	30	3.6
32. HINGHAM	20,339	77	E								8.96	17.13			35	21.9
33. HOLBROOK	11,140	146	E	11.52	10.57	10.39	6.61	64	2.06	20	3.68	5.68	40	40	37.5	6.5
34. HOLDEN	13,336	123	C	15.83	15.42	15.36	10.02	65	2.52	16	3.27	10.65	52	41	35	9.1
35. HOLLISTON	12,622	129	E	8.36	8.13	8.06	5.44	68	1.37	17	3.35	7.24	52	44	37.5	5.7
36. HUDSON	16,408	97	C	11.38	11.28	11.09	8.03	72	1.93	17	2.50	6.26	61	53	37.5	9.6
37. IPSWICH	11,158	145	E	13.73	13.73	13.73	9.58	70	2.80	20	5.93	7.69	54.5	42	37.5	8.4
38. LONGMEADOW	16,301	100	W	13.02	12.06	12.06	7.79	65	2.88	24	3.75	12.79	57	50	36.3	12.1
39. LUDLOW	18,150	88	W	6.67	6.65	6.48	4.19	65	1.34	21	1.80	3.26	54.5	49.5	40	6.3
40. LYNNFIELD	11,267	142	E	19.08	18.13	19.08	12.80	67	4.72	25	5.96	11.92	67	56	35	9.6
41. MANSFIELD	13,453	121	E	11.09	9.27	8.95	6.12	68	1.88	21	2.87	5.88	52	44	36	6.7
42. MARBLEHEAD	20,126	79	E	21.25	21.12	21.17	14.93	71	3.75	18	4.56	11.67	64	60	40	21.7
43. MARSHFIELD	20,916	75	E	10.16	10.06	10.05	7.95	79	1.80	18	2.73	8.54	59	59	37.5	11.4
44. MEDFIELD	10,220	151	E	9.69	8.60	9.47	5.90	62	2.02	21	3.00	7.10	53.5	48.5	37.5	5.6
45. MIDDLEBOROUGH	16,404	98	E	7.60	6.77	7.60	5.38	71	1.44	19	6.26	4.11	48	48	37.5	6.6
46. MILFORD	23,390	69	C	7.47	7.45	7.47	4.25	57	2.77	37	0.86	2.20	56	45	35	15.4
47. MILLBURY	11,808	136	C	10.03	9.57	9.01	5.43	60	2.02	22	3.00	5.89	41	41	40	7.9
48. NEWBURYPORT	15,900	102	E	14.57	12.59	12.99	8.83	68	2.58	20	4.45	6.26	53	56	35	12.2
49. NORTH ADAMS	18,063	89	W	7.31	7.31	7.30	5.72	78	1.24	17	2.35	3.30	53	49	37.5	8.4
50. NORTH ANDOVER	20,129	78	E	12.21	11.34	12.14	8.06	66	2.12	17	3.06	5.50	67	56	38	11.2
51. NORTH ATTLEBOROUGH	21,095	74	E	7.10	6.78	6.83	4.83	71	1.23	18	1.58	3.79	50	39	37	9.8
52. NORTH READING	11,455	139	E	10.73	10.67	10.67	7.40	69	2.25	21	3.19	6.44	54	48	35	6.5

POPULATION GROUP IV (10,000 - 24,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
53. NORTHBOROUGH	10,568	149	C	22.16	21.12	21.40	13.44	63	4.58	21	4.81	11.89	54	54	40	10.7
54. NORTHBRIDGE	12,246	132	C	9.41	7.86	8.97	5.15	57	2.04	23	4.10	5.07	40.5	37.5	35	4.9
55. NORTON	12,690	128	E	5.91	5.46	5.03	3.41	68	1.08	21	2.04	3.52	44	40	37	4.8
56. OXFORD	11,680	138	C	8.12	8.07	7.98	5.84	73	1.36	17	2.26	2.71	40	36	35	6.0
57. PALMER	11,389	140	W	14.95	14.31	14.35	8.78	59	2.40	16	4.51	11.22	57	47	35	10.0
58. PEMBROKE	13,487	120	E	6.32	5.90	5.69	3.45	61	1.24	22	3.23	4.77	42	42	35	3.6
59. READING	22,678	70	E	17.21	17.08	17.21	12.08	70	2.65	15	4.19	12.33	68.5	60	37.5	20.2
60. ROCKLAND	15,695	104	E	7.38	7.12	7.38	5.08	69	1.35	18	2.47	5.45	54	47	35	7.2
61. SAUGUS	24,746	63	E	6.98	6.86	6.92	5.34	77	1.08	16	3.07	3.68	61.5	50.5	37.5	9.8
62. SCITUATE	17,317	93	E	13.42	12.92	12.99	9.01	69	2.03	16	3.98	8.79	56	52	35	9.7
63. SEEKONK	12,269	131	E	10.08	9.98	9.98	7.14	72	1.95	20	3.31	8.95	49	49	32.5	7.1
64. SHARON	13,601	117	E	17.20	17.13	17.20	11.34	66	3.61	21	5.05	10.65	50.5	50.5	37.5	10.8
65. SHREWSBURY	22,674	71	C	18.89	18.32	17.85	10.75	60	3.26	18	4.28	8.17	59	55	37.5	19.8
66. SOMERSET	18,813	82	E	11.70	11.70	11.70	8.40	72	2.05	18	3.92	7.23	71	68	35	12.1
67. SOUTH HADLEY	16,399	99	W	13.03	13.02	13.03	8.96	69	2.25	17	3.32	7.95	54	48	35	9.7
68. SOUTHBRIDGE	16,665	95	C	13.29	13.03	13.35	8.13	61	2.66	20	3.31	6.01	58	58	37.5	10.5
69. SPENCER	10,774	147	C	8.08	4.97	8.08	4.95	61	2.39	30	2.73	4.96	41	41	24	3.8
70. STONEHAM	21,424	72	E	17.16	15.30	15.00	9.93	66	3.04	20	3.58	7.53	59	51	35	15.0
71. SUDBURY	14,027	111	E	17.70	17.50	17.66	12.90	73	2.83	16	3.78	12.00	64	52	35	11.3
72. SWAMPSCOTT	13,837	114	E	16.45	15.86	16.45	11.92	72	3.27	20	5.34	7.61	60	52	35	11.3
73. SWANSEA	15,461	106	E	5.42	5.35	5.42	3.06	56	1.75	32	3.54	4.62	50	50	37.5	5.2
74. TEWKSBURY	24,635	64	E	6.37	6.37	6.29	4.54	72	1.06	17	1.67	2.83	58	51	37.5	6.4
75. WAKEFIELD	24,895	62	E	18.49	18.49	18.35	12.33	67	3.12	17	3.39	7.36	61	53	35	18.3
76. WALPOLE	18,859	81	E	13.58	13.25	13.45	8.54	64	3.11	23	5.04	7.61	63	55	35	12.8
77. WAREHAM	18,457	83	E	6.98	6.44	6.79	4.21	62	1.87	27	1.80	4.86	53	50	35	6.0
78. WAYLAND	12,170	133	E	21.92	21.55	21.92	16.00	73	3.88	18	5.77	12.57	67	57	35	12.5

POPULATION GROUP IV (10,000 - 24,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
79. WEBSTER	14,480	108	C	7.67	7.21	7.67	5.27	69	1.71	22	3.97	5.60	45	45	35	6.5
80. WESTBOROUGH	13,619	116	C	17.79	17.16	16.96	11.65	69	3.08	18	3.60	8.76	53	53	35	11.8
81. WESTFORD	13,434	122	E	16.54	16.54	16.23	11.45	71	2.81	17	3.65	7.75	59	44	38	12.4
82. WESTON	11,169	144	E	23.76	23.14	23.03	16.22	70	4.19	18	5.26	12.66	61	53	37.5	13.8
83. WESTPORT	13,763	115	E	6.29	6.21	6.26	4.11	66	1.07	17	2.22	5.01	48	48	35	4.9
84. WESTWOOD	13,212	124	E	26.64	26.50	26.56	19.45	73	4.15	16	7.51	11.05	67	60	35	15.2
85. WHITMAN	13,534	118	E	5.60	3.93	4.65	2.57	55	1.43	31	2.11	2.26	48.5	45.5	35	3.6
86. WILBRAHAM	12,053	135	W	13.51	13.23	13.32	7.69	58	2.39	18	4.[illegible]	8.64	59	52	35	7.5
87. WILMINGTON	17,471	92	E	12.09	12.09	12.04	9.44	78	2.16	18	4.46	7.00	60	52	35	10.1
88. WINCHESTER	20,701	76	E	24.71	24.06	24.50	16.83	69	3.88	16	5.61	12.06	63	44.5	35	20.8
89. WINTHROP	19,294	80	E	8.81	8.81	8.81	6.92	79	1.32	15	4.65	3.55	50	43	35	9.5
90. YARMOUTH	18,449	84	E	7.05	5.76	6.88	3.35	49	1.88	27	3.52	9.62	50	50	35	6.6

Population Group V
(25,000-49,999)

POPULATION GROUP V (25,000 - 49,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
1. AGAWAM	26,271	57	W	9.81	9.72	9.29	6.19	67	1.61	17	3.18	4.85	65	57	35	11.1
2. AMHERST	33,229	41	W	16.38	14.83	16.15	10.52	65	2.70	17	3.77	7.13	63	59	37.5	30.5
3. ANDOVER	26,370	56	E	26.34	26.34	26.34	17.00	65	4.42	17	7.03	12.80	71	60	37.5	30.5
4. ARLINGTON	48,219	22	E	16.52	16.00	16.14	11.90	74	2.61	16	2.87	7.60	68	60	35	38.9
5. ATTLEBORO	34,196	40	E	8.40	7.55	8.39	5.14	61	1.64	20	3.15	4.42	63	50.5	37	16.1
6. BARNSTABLE	30,898	43	E	22.44	14.92	22.29	10.72	48	3.63	16	4.99	7.78	65	65	35	20.6
7. BELMONT	26,100	58	E	23.32	23.32	22.79	17.18	75	3.02	13	5.19	10.66	69	65	35	27.6
8. BEVERLY	37,655	30	E	14.28	13.66	13.39	9.11	68	2.85	21	3.78	6.20	69	60	35	22.4
9. BILLERICA	36,727	32	E	7.13	7.13	7.06	4.78	68	0.98	14	1.50	3.20	64	56	37.5	11.7
10. BRAINTREE	36,337	36	E	14.69	14.40	13.80	9.40	68	2.01	15	2.91	5.39	61	52.5	38	24.0
11. CHELMSFORD	31,174	42	E	14.49	13.95	13.88	9.75	70	2.35	17	3.21	6.96	68	65	37.5	22.7
12. CHELSEA	25,431	60	E	9.14	9.14	9.13	7.04	77	1.51	16	5.95	4.51	63	42	35	12.0
13. DEDHAM	25,298	61	E	14.90	13.97	14.67	10.33	70	2.06	14	6.47	5.79	64	64	37.5	17.9
14. EVERETT	37,195	31	E	10.85	10.38	10.47	7.94	76	1.68	16	5.28	4.32	72	56	37	22.1
15. FITCHBURG	39,580	28	C	16.12	14.94	16.12	10.70	66	2.43	15	4.43	6.52	65	54	37.5	30.4
16. GLOUCESTER	27,768	52	E	12.19	10.32	12.09	9.28	77	1.71	14	3.82	5.32	63	59	40	15.0
17. HAVERHILL	46,865	23	E	10.65	8.38	10.65	7.08	67	1.61	15	3.71	4.59	65.5	61.5	40	24.7
18. HOLYOKE	44,678	26	W	6.35	4.70	5.56	3.33	60	0.98	18	3.26	2.45	64	56	35	13.9
19. LEOMINSTER	34,508	38	C	10.56	10.31	10.56	7.15	68	1.92	18	3.12	4.86	58	54	37.5	18.2
20. LEXINGTON	29,479	47	E	29.79	26.23	29.79	19.86	67	4.56	15	7.36	17.03	70	66	37	42.7
21. MARLBOROUGH	30,617	44	E	11.09	10.78	10.99	7.83	71	1.49	14	3.86	6.39	66	54	35	17.5
22. MELROSE	30,055	45	E	12.57	10.33	10.45	6.84	65	2.35	23	3.99	6.91	64	56	37	17.3
23. METHUEN	36,701	33	E	5.45	2.21	4.39	2.60	59	0.89	20	1.39	2.46	63	51	35	10.1
24. MILTON	25,860	59	E	15.98	15.23	15.61	11.32	73	2.47	16	5.41	7.43	68	60	37.5	19.1
25. NATICK	29,461	48	E	18.16	16.71	18.10	12.70	70	2.67	15	4.59	7.99	68.5	56.5	37.5	23.5
26. NEEDHAM	27,901	51	E	20.38	19.66	19.93	13.56	68	3.32	17	4.63	10.11	68	64	37.5	25.0

POPULATION GROUP V (25,000 - 49,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
27. NORTHAMPTON	29,286	49	W	17.48	13.88	17.22	11.87	69	2.87	17	12.40	9.00	69	69	37.5	30.4
28. NORWOOD	29,711	46	E	15.22	15.22	15.22	11.00	72	2.08	14	2.92	6.41	72	60	35	19.1
29. PEABODY	45,976	24	E	9.71	8.43	9.71	5.37	55	1.61	17	2.00	2.33	69	65	35	17.4
30. PLYMOUTH	35,913	37	E	11.59	10.36	11.41	7.58	66	1.64	14	1.85	5.08	60	55	37.5	18.6
31. RANDOLPH	28,218	50	E	7.79	7.79	7.74	5.40	70	1.31	17	2.51	5.54	60	46	35	10.7
32. REVERE	42,423	27	E	3.48	3.48	3.43	2.45	72	0.60	18	1.65	0.90	65	53	40	10.8
33. SALEM	38,220	29	E	14.08	12.51	13.74	9.17	67	2.59	19	4.78	4.47	64	64	35	23.0
34. STOUGHTON	26,710	55	E	13.10	13.10	13.10	8.74	67	2.25	17	4.07	5.65	64	56	35	14.7
35. TAUNTON	45,001	25	E	8.10	7.86	8.10	5.77	71	1.40	17	5.59	4.35	64	55	35	22.6
36. WATERTOWN	34,384	39	E	22.43	22.37	22.38	16.69	75	2.89	13	3.71	6.46	61	49	37	35.4
37. WELLESLEY	27,209	53	E	28.53	27.96	28.53	18.67	65	5.52	19	6.82	14.71	66	63	35	34.2
38. WEST SPRINGFIELD	27,042	54	W	9.46	9.09	8.95	5.60	63	1.56	17	3.45	5.33	52	51	37.5	12.7
39. WESTFIELD	36,465	35	W	12.75	10.46	12.75	8.40	66	1.73	14	4.11	8.91	63	54.5	37	23.5
40. WOBURN	36,626	34	E	6.85	6.72	6.85	5.22	76	0.96	14	2.81	2.61	64	50	37.5	13.6

Population Group VI
(50,000-99,999)

POPULATION GROUP V I (50,000 - 99,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
1. BROCKTON	95,172	6	E	8.25	8.11	8.25	6.63	80	0.97	12	3.06	3.77	64	52	35	43.7
2. BROOKLINE	55,062	19	E	29.10	28.53	28.85	19.84	69	4.84	17	7.05	8.38	63	61	37	60.5
3. CAMBRIDGE	95,322	5	E	15.41	15.36	15.08	11.88	79	1.89	13	4.55	6.35	68	60	37.5	67.3
4. CHICOPEE	55,112	18	W	7.74	7.66	7.66	5.83	76	1.15	15	1.89	3.43	63	49	35	25.6
5. FALL RIVER	92,574	7	E	5.36	5.26	5.36	3.40	64	1.02	19	4.10	2.32	64	56	35	30.2
6. FRAMINGHAM	65,113	13	E	15.88	15.32	15.27	11.43	75	2.73	18	3.36	7.26	67.5	60.5	37.5	46.1
7. LAWRENCE	63,175	14	E	8.03	7.93	7.93	4.55	57	1.10	14	3.82	1.25	64	56	35	19.6
8. LOWELL	92,418	8	E	5.04	5.04	4.62	3.68	80	0.70	15	2.11	1.54	63.5	49	35	23.6
9. LYNN	78,471	11	E	8.28	7.92	8.22	6.43	78	1.19	15	3.33	2.17	63	43	35	35.0
10. MALDEN	53,386	20	E	9.39	8.50	8.85	5.78	65	1.65	19	4.14	2.62	63	51	35	22.7
11. MEDFORD	58,076	16	E	9.91	9.91	9.79	7.73	79	1.19	12	2.20	2.49	65	57	35	24.9
12. NEW BEDFORD	98,478	4	E	9.55	8.43	9.55	7.04	74	1.23	13	4.53	3.84	64	64	35	54.2
13. NEWTON	83,622	10	E	16.18	15.90	15.77	10.59	67	2.25	14	4.37	5.75	68	62	37.5	71.7
14. PITTSFIELD	51,974	21	W	9.81	9.43	9.39	7.64	81	1.15	12	3.80	6.98	63	59	35	28.3
15. QUINCY	84,743	9	E	12.28	11.88	11.92	8.80	74	1.41	12	2.61	4.57	62	54	35	38.4
16. SOMERVILLE	77,372	12	E	10.01	9.37	8.88	7.08	80	1.36	15	2.78	2.22	61	57	35	37.9
17. WALTHAM	58,200	15	E	7.28	7.28	7.28	6.02	83	0.88	12	2.55	3.97	63	53	35	21.1
18. WEYMOUTH	55,601	17	E	9.06	8.82	8.85	6.72	76	1.09	12	2.85	4.44	67	56	35	26.1

Population Group VII
(100,000+)

POPULATION GROUP VII (100,000+)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
1. BOSTON	562,994	1	E	21.51	20.77	21.20	13.51	64	3.11	15	15.29	3.14	68	64	35	519.5
2. SPRINGFIELD	152,319	3	W	23.17	20.90	23.17	16.09	69	3.21	14	4.39	6.62	64	52	37.5	148.2
3. WORCESTER	161,799	2	C	16.60	15.69	14.60	10.64	73	2.10	14	5.56	4.32	67	54.5	40	129.3

Section Three:
FY86 Library Incentive Grant Application
Page 2

Annual Report Information Survey
Last Page

A. TOTAL OPERATING INCOME (round cents to whole dollars)

1. Appropriated Municipal Income
   - a. Municipal Appropriation .....
   - b. Carry-over .....
   - c. Library Incentive Grant .....
   - d. Dog Tax Fund .....
   - e. Federal Revenue Sharing .....
   - f. Additional Aid to Public Libraries .....
   - g. Other .....
2. Additional Monies — Nongrant
   - a. Trusts and Endowments .....
   - b. Monetary Gifts .....
   - c. Miscellaneous .....
3. Additional Monies — Grant (do not report with expenditures)
   - a. Non-governmental Grants .....
   - b. LSCA .....
   - c. Other Federal Grants .....
   - d. Other State Grants .....
   - e. Regional PL Systems' Monies .....

BOX A

Total Appropriated Municipal Income

C. CAPITAL PROGRAMS & OUTLAYS*

1. Income
   - a. Appropriated Municipal Income .....
   - b. Additional Aid to Public Libraries
   - c. Additional Monies .....

BOX C1

TOTAL

BOX C2

2. Expenditures .....

*Funds reported in Section C should not be reported in Sections A or B. **Please see Instructions.**

B. TOTAL OPERATING EXPENDITURES (round cents to whole dollars)

Report from A1 and A2 above, exclude A3 above.

1. Salaries .....

2 a. Library Print Materials
   1. books.....
   2. periodicals.....
   3. microforms.....

Library Print Materials Expenditures Subtotal

b. Library Non-Print & Additional Materials .....

3. Other Operating Expenditures .....

Box B1

Total Salary Expenditures

Box B2

Total Materials Expenditures

Box B3

Other Operating Expenditures

Box B

Total Operating Expenditures

INSTRUCTIONS - FISCAL YEAR 1986 LIBRARY INCENTIVE GRANT APPLICATION

READ THESE INSTRUCTIONS BEFORE COMPLETING THE APPLICATION: We encourage you to also call the Library Incentive Grant Unit staff at 1-800-952-7403 or 267-9400 if you have any questions.

Instructions corresponding to each page of the Application are separated below by a broken horizontal line. Instructions for the various sections and standards covered on each page of the Application are separated below by a solid horizontal line.

PLEASE NOTE: The Board of Library Commissioners is studying implementation of the municipal appropriation statute and has requested an opinion from the Attorney General concerning differentiating between capital expenditures from operating appropriations and captial expenditures from bond revenues. Since an opinion was not received by the printing deadline for this application and instructions, we ask that financial data continue to be reported as on past applications, that is:

- capital income and expenditures be reported separately in Section C
- operating income (excluding capital) be reported separately in Section A
- operating expenditures (excluding capital) be reported separately in Section B

To assist in any followup which may be necessary after the Board receives an opinion, would you please circle line C1a and Box C2 if any of the library's capital income and expenditures were from revenues raised by issuing bonds.

Please contact the Library Incentive Grant Unit if you have any questions.

p1 At the bottom of the page give the inclusive dates of the fiscal year for which you are reporting only if it differs from FY85, that is 1 July 1984 through 30 June 1985.

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p2 A **TOTAL OPERATING INCOME (Do not report cents, please round to whole dollars)**

Exclude - income earmarked for capital programs and outlays

p2 A1 **Appropriated Municipal Income**

A1a **Municipal Appropriation**

Include + funds appropriated for operating expenditures
+ appropriations received through the supplemental budget process

Exclude - and report separately, if possible, these sources of income. Such reporting helps identify the frequency with which various sources contribute to public library funding
- Carry-over from FY84
- Library Incentive Grant
- Dog Tax Fund
- Federal Revenue Sharing
- Additional Aid to Public Libraries
- Other (appropriated)
- Regional Public Library Systems' monies

A1b **Carry-over:** Enter "included in 1a,c,d,e,f,g" as appropriate if carry-over is already reported elsewhere.

Include + FY84 appropriated monies which were unencumbered and unexpended that year and authorized by the municipality for operating expenses during FY85

A1c **Library Incentive Grant:** Enter "included in 1a" if the amount of the Library Incentive Grant is already reported in "Municipal Appropriation" above.

Include + only the amount of funds authorized by the municipality during FY85 for the library's operating expenses

Exclude - Additional Aid to Public Libraries

A1d **Dog Tax Fund:** Enter "included in 1a" if the amount is already reported above.

Include + only if funds were authorized by the municipality for the library's operating expenses

A1e **Federal Revenue Sharing:** Enter "included in 1a" if the amount is already reported in "Municipal Appropriation" above.

Include + only if authorized by the municipality for the library's operating expenses

A1f **Additional Aid to Public Libraries:** Enter "included in 1a" if the amount is already reported above in "Municipal Appropriation."

Include + the monies from line 15 of the FY85 Cherry Sheet if the monies were appropriated to the library to cover operating expenses. The Cherry Sheet labeled these monies as "Additional Aid to Public Libraries"; informally they have also been referred to as the "supplemental aid".

Exclude - the Library Incentive Grant monies which were noted on line 16 (labeled Public Libraries) of the FY85 Cherry Sheet.

A1g **Other** (appropriated): Enter "included in 1a" if the amount of other appropriated income is already reported in "Municipal Appropriation" above.

Include + appropriated revenue not specified elsewhere in A1a-f. Such revenue may be from fines, fees, such as from photocopiers, public access microcomputers or rentals, or the sale of inventory and fixed assets. Appropriated trust/endowment income should be reported here.

Exclude - receipts retained by the municipality and not authorized for the library's operating expenses

p2 Box A **Add lines A1a-g and place the sum to the right in Box A labeled "Total Appropriated Municipal Income."**

p2 A2 **Additional Monies - Nongrant**

A2a **Trusts and Endowments**

Include + interest or other income from trusts and endowments received between 1 July 1984 - 30 June 1985. If some or all of your trust funds and/or endowments do not follow the July - June fiscal year, please indicate that on the bottom line of page 1.

Exclude - the principal of trusts and endowments

A2b **Monetary Gifts:** Enter "include in 2a" if the amount is already reported above.

Include + monetary gifts received from civic and business organizations and foundations as well as from individuals

Exclude - estimated or fair market value of non-monetary gifts (such as books, paintings, furniture, etc.)
- grants from foundations or civic and business organizations

A2c **Miscellaneous:** Enter "included in 2a or b" as appropriate if the amount is already reported elsewhere

Include + other nongrant income retained by the library and not specified in A2a or b. Such revenue may be from fines, fees, such as from photocopiers or public access microcomputers or rentals, the sale of inventory and fixed assets, or proceeds from fundraising projects or consignment shops.

Exclude - receipts returned to the municipality and not authorized for the library's operating expenses

p2 A3 **Additional Monies - Grant:** Monies reported here should not be reported anywhere else on the application; exclude from sections B and C.

A3a Non-governmental Grants

Include + non-governmental grant monies received as a result of a proposal prepared in response to the requirements of the grantor. Grantors may include civic and business organizations and foundations.

Exclude - state and federal governmental grant monies

A3b LSCA

Include + total grant monies received under the Library Services and Constructions Act between 1 July 1984 and 30 June 1985 for library operating expenses

A3c Other Federal Grants

Include + with the exceptions noted below, federal grant monies received between 1 July 1984 and 30 June 1985 for library operating expenses

Exclude - federal revenue sharing
- LSCA
- federally subsidized employment programs such as those under the Job Training Partnership Act and Senior Aides funded under the Older Americans Act
- federal income earmarked for capital programs and outlays

A3d **Other State Grants**

Include + with the exceptions of the Library Incentive Grant and the Additional Aid to Public Libraries, income from state government grants such as those awarded by the Massachusetts Arts Lottery Council.

A3e **Regional PL Systems' Monies:** Regional public library systems' monies apply only to the libraries contracting directly with the Board of Library Commissioners.

Include + amount of state funds received for providing contracted services

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p2 B **TOTAL OPERATING EXPENDITURES (Do not report cents, please round to whole dollars)**
Please refer to the NOTE on page 1 of the instructions.

Include + expenditures and encumbrances from income reported above in A1a-g (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant)

+ expenditures, defined as the cost of goods delivered or services rendered

+ encumbrances, defined as a contingent liability in the form of purchase orders, contracts, or salary commitments which were not yet paid as of the last day of the fiscal year, but are to be paid out of FY85 Total Appropriated Municipal Income or Additional Monies - Nongrant. An example of an encumbrance is an order for books not yet received (or paid for) on the last day of the fiscal year, but for which funds are reserved (encumbered) to pay the bill when received. If in doubt as to whether or not a particular purchase order or other commitment is an encumbrance, check with your accountant.

Exclude - expenditures and encumbrances from income reported in A3a-e (Additional Monies - Grant) and C1a-c (Capital Programs and Outlays)

p2 B1 **Salaries**

Include + expenditures and encumbrances from income reported in A1a-g (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant) above

+ total salaries paid all staff (full-time, part-time, seasonal, substitute, hourly, etc.) holding positions routinely included in the library budget year after year

Exclude - contracted building maintenance services
- salaries paid with federal monies (LSCA, the Job Training Partnership Act, etc.) other than federal revenue sharing
- salaries paid by other municipal departments
- pension and fringe benefit expenditures (if either or both are paid from the library's Total Appropriated Municipal Income and/or Additional Monies - Nongrant, include the amount expended in "Other Operating Expenditures" Box B3 below.)

p2 Box B1 Place the amount of salary expenditures/encumbrances to the right in Box B1 labeled "Total Salary Expenditures."

p2 B2a1-3 Library Print Materials

Include + expenditures and encumbrances from income reported in A1a-g (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant) above

+ for books, the amount expended and encumbered for books and other printed materials catalogued or made ready for use (processed) in the same manner as books

+ separate amounts for periodicals and microforms, if possible

p2 Sub-total Add lines B2a1-3 and place the total below in the box labeled "Library Print Materials Expenditures Subtotal."

p2 B2b Library Non-Print and Additional Materials

Include + expenditures and encumbrances for income reported in A1a-g (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant) above

+ audio recordings (disc, reel-to-reel tape, and cassette audio recordings)

+ 8 and 16mm films if they are part of the library's permanent collection

+ other AV materials which require the use of special equipment to be seen or heard

+ additional non-book library materials which do not require the use of special equipment to be seen or heard, e.g., maps, art prints, globes, vertical file material, and games

+ microcomputer software

p2 Box B2 Add the amounts reported in the box marked Library Print Materials Expenditures Subtotal and on line B2b (Library Non-Print and Additional Materials) and place the total to the right in Box B2 labeled "Total Materials Expenditures."

p2 B3 Other Operating Expenditures

Include expenditures and encumbrances:

+ from income reported in A1a-g (Total Appropriated Municipal Income) and A2a-c (Additional Monies - Nongrant) above

+ for all purposes other than salaries and materials

+ for items such as the following, for example:
  maintenance of plant; electricity
  telephone and telecommunications
  equipment and film rentals
  equipment maintenance contracts
  annual network and consortium membership fees
  supplies, postage; binding and rebinding
  fees for speakers; pension and fringe benefit costs
  creation of machine-readable records

Exclude - expenditures and encumbrances from income reported in A3a-e (Additional Monies - Grant) and C1a-c (Capital Programs and Outlays) above

p2 Box B3 Place the amount to the right in Box B3 labeled "Other Operating Expenditures."

p2 Box B Total Operating Expenditures

Add Boxes B1, B2, and B3 and place the total to the right in Box B labeled "Total Operating Expenditures."

p2 C **CAPITAL PROGRAMS AND OUTLAYS**
Please refer to the NOTE on page 1 of the instructions.

In general, libraries where automated systems have been purchased or libraries participating in automated networks for resource sharing (e.g. Automated Bristol Library Exchange, C/W MARS, Merrimack Valley Library Cooperative, Minuteman, NOBLE, Old Colony Library Network, etc.) **should record here the income for, and expenditures on, the library's purchase of hardware associated with that membership.** Also record here the income for, and expenditures on, the library's creation of machine-readable records in a retrospective conversion project if it was not reported as part of operating income and expenditures (p.2 A1-2 and B1-3) or grant operating income (p.2 A3).

p2 C1 **INCOME (Capital)**

Include + income for capital programs or outlays generally defined as resulting in the acquisition of, or addition to, fixed assets which will remain usable in excess of one year. Municipalities, however, often have their own definition of what constitutes a capital program or outlay. If available, use the municipality's definition or that of the Board of Trustess. **Note that any income reported here in section C1 should not be reported in section A.**

C1a **Appropriated Municipal Income (Capital)**

Include + appropriations for capital programs and outlays from sources of income comparable to the operating income sources listed in section A1a-e and g. Circle the figure if it includes bond revenues.

C1b **Additional Aid to Public Libraries**

Include + Additional Aid to Public Library monies <u>appropriated for library capital programs and outlays.</u> Additional Aid to Public Libraries monies were reported to municipalities on line 15 of the FY85 Cherry Sheet and informally have been called "supplemental aid" funds.

Exclude - any Library Incentive Grant monies appropriated for Capital programs and outlays. Such income should be reported on line C1a.

C1c **Additional Monies (Capital)**

Include + income for capital programs and outlays from sources of income comparable to the operating income sources listed in sections A2 and A3, for example:
interest from trusts and endowments

monetary gifts
Friends of the Library
federal monies excluding federal revenue sharing
selected state monies

p2 Box C1 **Add lines C1a-c and place the sum in the box below labeled C1.**

p2 C2 **Expenditures (Capital)**

Include + all expenditures and encumbrances for capital programs and outlays taken from the sources of income listed above in C1a-c. **Note that any expenditures reported here in section C2 should not be reported in section B.**

p2 Box C2 **Place the sum of all such expenditures and encumbrances to the right in the box labeled C2.** Circle the figure if it reflects bond revenues.

HOLDINGS AND CIRCULATION INFORMATION FOR FY85

A. HOLDINGS

1. LIBRARY PRINT MATERIALS
   - a. Volumes Owned.....
   - b. Volumes of Bound Periodicals.....
   - c. Periodical Subscriptions Rec'd...
   - d. Physical Units of Microforms.....

2. LIBRARY NON-PRINT & ADDITIONAL MATERIALS
   - a. Audio Recordings.....
   - b. Films 8mm.....
   - c. Films 16mm.....
   - d. Filmstrips.....
   - e. Slide Sets.....
   - f. Videotapes:.....reels_____ + cassettes_____ =
   - g. Multi-media Kits.....
   - h. Framed Art Prints.....
   - i. Other.....

TOTAL A

B. CIRCULATION

1. LIBRARY PRINT MATERIALS
   - a. Direct Circulation to Users.....
   - b. Circulation from other Libraries to Users (ILL).....
   - c. Circulation to other Libraries (ILL).....

2. LIBRARY NON-PRINT & ADDITIONAL MATERIALS
   - a. Audio Recordings.....
   - b. Films 8mm.....
   - c. Films 16mm.....
   - d. Filmstrips.....
   - e. Slide Sets.....
   - f. Videotapes:.....reels _____ + cassettes _____ =
   - g. Multi-media Kits.....
   - h. Framed Art Prints.....
   - i. Other.....

TOTAL B

Data reported on this page should be for FY85, covering the 12-month period between July 1, 1984 and June 30, 1985. If data are reported for another 12-month period, please supply inclusive dates here_____.

HOLDINGS AND CIRCULATION INFORMATION FOR FY85

A1 HOLDINGS: LIBRARY PRINT MATERIALS

A1a Volumes Owned: Count one for each volume (i.e. physical unit, either hard or soft bound) owned by the library in its catalogued collection of books and related printed materials catalogued or processed in the same manner as books.

A1b Volumes of Bound Periodicals: Count, according to the method used in your library, the number of volumes of hardbound periodicals owned by the library. Report "0" if the library does not own any volumes of bound periodicals.

A1c Periodical Subscriptions Received: Count one for each title, excluding duplicate subscriptions.

A1d Physical Units of Microforms: Count one for each roll of microfilm or each card of microfiche.

A2 HOLDINGS: LIBRARY NON-PRINT & ADDITIONAL MATERIALS: For each of the media listed, count materials separately by title, including one for each titled part of a series.

A2a Audio recordings: Include discs, reel-to-reel tapes, and cassettes.

A2b-c Films 8mm and 16mm: Count only those owned by the library.

A2d-e Filmstrips and Slide Sets: Include sound and silent.

A2f Videotapes: Include, if possible, a separate figure for permanent reel-to-reel tapes and cassette tapes, either commercially or non-commercially produced. Also, please provide a total count of all videotapes (excluding, of course, blank tapes).

A2g Multi-Media Kits: A kit is a variety of media formats (usually a minimum of 3) gathered and integrated into a unit such that the varied components overlap and reinforce the value of each other. Count one for each kit title.

A2h Framed Art Prints: Include framed art prints intended for circulation. Do not include individual photographs or clippings.

Other: Include materials not listed individually such as globes, games, puzzles, toys, realia, maps, microcomputer software, vertical file material, etc. Count one for each drawer of vertical file material; for all other items count or estimate one for each title.

Add lines A1a and A2a-h, placing the figure below on the dark line labeled "TOTAL A." Do not include lines A1b-d and A2i in the total.

B1 **CIRCULATION: LIBRARY PRINT MATERIALS**

B1a **Direct Circulation to Users:** Count one for each book or issue of a periodical lent from the collection to users, and one for each renewal, including circulation from bookmobiles operated by the library Circulation of materials owned by the regional public library systems should also be included in this count.

B1b **Circulation from Other Libraries to Users (ILL):** Count one for each book or issue of a periodical received from another library's collection and circulated to users, and one for each renewal. This figure should reflect the interlibrary loans received by the library.

B1c **Circulation to Other Libraries (ILL):** Count one for each book or issue of a periodical loaned to another library, and one for each renewal. This figure should reflect the interlibrary loans sent by the library.

B2 **CIRCULATION: LIBRARY NON-PRINT & ADDITIONAL MATERIALS**

B2a-i Count one for each title lent from the library's own collection, or received from the regional public library systems or from another library's collection and lent to users or another library, and one for each renewal.

Add lines B1a-c and B2a-h, placing the figure below on the dark line labeled "TOTAL B." Do not include line B2i in the total.

If you have any questions, please call the Planning and Research Unit staff at 1-800-952-7403 or 267-9400

Municipal Index to Population Groups

Municipality	Pop. Group	Municipality	Pop. Group	Municipality	Pop. Group
ABINGTON	IV	BARNSTABLE	V	BOYLSTON	II
ACTON	IV	BARRE	II	BRAINTREE	V
ACUSHNET	III	BECKET	I	BREWSTER	III
ADAMS	IV	BEDFORD	IV	BRIDGEWATER	IV
AGAWAM	V	BELCHERTOWN	III	BRIMFIELD	II
ALFORD	I	BELLINGHAM	IV	BROCKTON	VI
AMESBURY	IV	BELMONT	V	BROOKFIELD	II
AMHERST	V	BERKLEY	II	BROOKLINE	VI
ANDOVER	V	BERLIN	II	BUCKLAND	I
ARLINGTON	V	BERNARDSTON	I	BURLINGTON	IV
ASHBURNHAM	II	BEVERLY	V	CAMBRIDGE	VI
ASHBY	II	BILLERICA	V	CANTON	IV
ASHFIELD	I	BLACKSTONE	III	CARLISLE	II
ASHLAND	III	BLANDFORD	I	CARVER	III
ATHOL	IV	BOLTON	II	CHARLEMONT	I
ATTLEBORO	V	BOSTON	VII	CHARLTON	III
AUBURN	IV	BOURNE	IV	CHATHAM	III
AVON	III	BOXBOROUGH	II	CHELMSFORD	V
AYER	III	BOXFORD	III	CHELSEA	V

Municipality	Pop. Group	Municipality	Pop. Group	Municipality	Pop. Group
CHESHIRE	II	DOUGLAS	II	FALMOUTH	IV
CHESTER	I	DOVER	II	FITCHBURG	V
CHESTERFIELD	I	DRACUT	IV	FLORIDA	I
CHICOPEE	VI	DUDLEY	III	FOXBOROUGH	IV
CHILMARK	I	DUNSTABLE	I	FRAMINGHAM	VI
CLARKSBURG	I	DUXBURY	IV	FRANKLIN	IV
CLINTON	IV	EAST BRIDGEWATER	III	FREETOWN	III
COHASSET	III	EAST BROOKFIELD	I	GARDNER	IV
COLRAIN	I	EAST LONGMEADOW	IV	GAY HEAD	I
CONCORD	IV	EASTHAM	II	GEORGETOWN	III
CONWAY	I	EASTHAMPTON	IV	GILL	I
CUMMINGTON	I	EASTON	IV	GLOUCESTER	V
DALTON	III	EDGARTOWN	II	GOSHEN	I
DANVERS	IV	EGREMONT	I	GOSNOLD	I
DARTMOUTH	IV	ERVING	I	GRAFTON	IV
DEDHAM	V	ESSEX	II	GRANBY	III
DEERFIELD	II	EVERETT	V	GRANVILLE	I
DENNIS	IV	FAIRHAVEN	IV	GREAT BARRINGTON	III
DIGHTON	III	FALL RIVER	VI	GREENFIELD	IV

Municipality	Pop. Group	Municipality	Pop. Group	Municipality	Pop. Group
GROTON	III	HOLLAND	I	LEVERETT	I
GROVELAND	III	HOLLISTON	IV	LEXINGTON	V
HADLEY	II	HOLYOKE	V	LEYDEN	I
HALIFAX	III	HOPEDALE	II	LINCOLN	III
HAMILTON	III	HOPKINTON	III	LITTLETON	III
HAMPDEN	II	HUBBARDSTON	I	LONGMEADOW	IV
HANCOCK	I	HUDSON	IV	LOWELL	VI
HANOVER	IV	HULL	III	LUDLOW	IV
HANSON	III	HUNTINGTON	I	LUNENBURG	III
HARDWICK	II	IPSWICH	IV	LYNN	VI
HARVARD	IV	KINGSTON	III	LYNNFIELD	IV
HARWICH	III	LAKEVILLE	III	MALDEN	VI
HATFIELD	II	LANCASTER	III	MANCHESTER	III
HAVERHILL	V	LANESBOROUGH	II	MANSFIELD	IV
HEATH	I	LAWRENCE	VI	MARBLEHEAD	IV
HINGHAM	IV	LEE	III	MARION	II
HINSDALE	I	LEICESTER	III	MARLBOROUGH	V
HOLBROOK	IV	LENOX	III	MARSHFIELD	IV
HOLDEN	IV	LEOMINSTER	V	MASHPEE	II

Municipality	Pop. Group	Municipality	Pop. Group	Municipality	Pop. Group
MATTAPOISETT	III	MONTEREY	I	NORTHAMPTON	V
MAYNARD	III	MOUNT WASHINGTON	I	NORTHBOROUGH	IV
MEDFIELD	IV	NAHANT	II	NORTHBRIDGE	IV
MEDFORD	VI	NANTUCKET	III	NORTHFIELD	II
MEDWAY	III	NATICK	V	NORTON	IV
MELROSE	V	NEEDHAM	V	NORWELL	III
MENDON	II	NEW BEDFORD	VI	NORWOOD	V
MERRIMAC	II	NEW BRAINTREE	I	OAK BLUFFS	I
METHUEN	V	NEW MARLBOROUGH	I	OAKHAM	I
MIDDLEBOROUGH	IV	NEW SALEM	I	ORANGE	III
MIDDLEFIELD	I	NEWBURY	II	ORLEANS	III
MIDDLETON	II	NEWBURYPORT	IV	OTIS	I
MILFORD	IV	NEWTON	VI	OXFORD	IV
MILLBURY	IV	NORFOLK	III	PALMER	IV
MILLIS	III	NORTH ADAMS	IV	PAXTON	II
MILTON	V	NORTH ANDOVER	IV	PEABODY	V
MONROE	I	NORTH ATTLEBOROUGH	IV	PELHAM	I
MONSON	III	NORTH BROOKFIELD	II	PEMBROKE	IV
MONTAGUE	III	NORTH READING	IV	PEPPERELL	III

Municipality	Pop. Group	Municipality	Pop. Group	Municipality	Pop. Group
PERU	I	ROCKPORT	III	SHREWSBURY	IV
PETERSHAM	I	ROWE	I	SHUTESBURY	I
PHILLIPSTON	I	ROWLEY	II	SOMERSET	IV
PITTSFIELD	VI	ROYALSTON	I	SOMERVILLE	VI
PLAINFIELD	I	RUSSELL	I	SOUTH HADLEY	IV
PLAINVILLE	III	RUTLAND	II	SOUTHAMPTON	II
PLYMOUTH	V	SALEM	V	SOUTHBOROUGH	III
PLYMPTON	I	SALISBURY	III	SOUTHBRIDGE	IV
PRINCETON	II	SANDISFIELD	I	SOUTHWICK	III
PROVINCETOWN	II	SANDWICH	III	SPENCER	IV
QUINCY	VI	SAUGUS	IV	SPRINGFIELD	VII
RANDOLPH	V	SAVOY	I	STERLING	III
RAYNHAM	III	SCITUATE	IV	STOCKBRIDGE	II
READING	IV	SEEKONK	IV	STONEHAM	IV
REHOBOTH	III	SHARON	IV	STOUGHTON	V
REVERE	V	SHEFFIELD	II	STOW	III
RICHMOND	I	SHELBURNE	II	STURBRIDGE	III
ROCHESTER	II	SHERBORN	II	SUDBURY	IV
ROCKLAND	IV	SHIRLEY	III	SUNDERLAND	II

Municipality	Pop. Group	Municipality	Pop. Group	Municipality	Pop. Group
SUTTON	III	WARE	III	WESTFIELD	V
SWAMPSCOTT	IV	WAREHAM	IV	WESTFORD	IV
SWANSEA	IV	WARREN	II	WESTHAMPTON	I
TAUNTON	V	WARWICK	I	WESTMINSTER	III
TEMPLETON	III	WATERTOWN	V	WESTON	IV
TEWKSBURY	IV	WAYLAND	IV	WESTPORT	IV
TISBURY	II	WEBSTER	IV	WESTWOOD	IV
TOLLAND	I	WELLESLEY	V	WEYMOUTH	VI
TOPSFIELD	III	WELLFLEET	II	WHATELY	I
TOWNSEND	III	WENDELL	I	WHITMAN	IV
TRURO	I	WENHAM	II	WILBRAHAM	IV
TYNGSBOROUGH	III	WEST BOYLSTON	III	WILLIAMSBURG	II
TYRINGHAM	I	WEST BRIDGEWATER	III	WILLIAMSTOWN	III
UPTON	II	WEST BROOKFIELD	II	WILMINGTON	IV
UXBRIDGE	III	WEST NEWBURY	II	WINCHENDON	III
WAKEFIELD	IV	WEST SPRINGFIELD	V	WINCHESTER	IV
WALES	I	WEST STOCKBRIDGE	I	WINDSOR	I
WALPOLE	IV	WEST TISBURY	I	WINTHROP	IV
WALTHAM	VI	WESTBOROUGH	IV	WOBURN	V

Municipality	Pop. Group	Municipality	Pop. Group	Municipality	Pop. Group
WORCESTER	VII				
WORTHINGTON	I				
WRENTHAM	III				
YARMOUTH	IV				